

# Converting Colors

Hex(4A6915)

Have a look what the booklet for  
Hex(4A6915) contains.

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**Color**

**Hex(4A6915)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A6915
RGB	74, 105, 21
RGB Percent	29%, 41%, 8%
CMY	0.7098, 0.5882, 0.9176
CMYK	0.30, 0.00, 0.80, 0.59
HSL	82°, 67%, 25%
HSV	82°, 80%, 41%
XYZ	8.0110, 11.6131, 2.5288
YIQ	86.1550, 8.4880, -32.6960

# Conversions

## Conversions Part 2

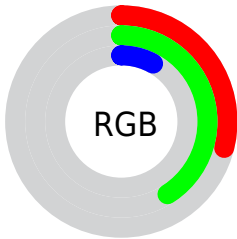
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 105, 52
Decimal	4876565
CIE Lab	40.59, -24.72, 40.51
CIE LCh	41, 47.460, 121.389
Yxy	11.6131, 0.3616, 0.5242
Android (android.graphics.Color)	4283066645 (0xFF4A6915)
YUV	86.1550, -32.1214, -10.6599
Hunter-Lab	34.0781, -17.6753, 19.4550

# Details

The Hex color **4A6915** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **341569**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7E9C47**, and **193900** is the 20% darker color. If you saturate the color by 10%, you get **46690A**, and if you desaturate by 10%, it is **4E6920**.

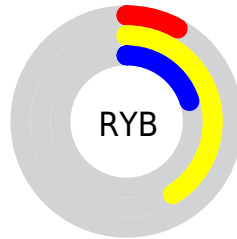
# Distribution



Red (29%)

Green (41%)

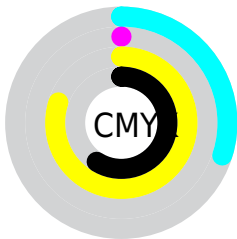
Blue (8%)



Red (8%)

Yellow (41%)

Blue (20%)

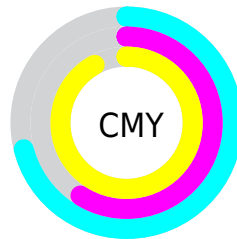


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6915 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4A6915 by changing the saturation by 10% instead.





4A6915



4A6915

FFFFFF



315100



7E9C47



193900



99B761



002400



B4D37A



000400



D0EF95



000000



EDFFB0



FFFCC



FFFEE8



4A6915



4A6915

■ 46690A

■ 4E6920

■ 426900

■ 52692A

■ 566935

■ 5A693F

■ 5D694A

■ 616954

■ 65695F

■ 696969

■ 6D6974

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



715E02



4A6915



006F38

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4A6915



006DA4



A43960

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4A6915



341569

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



904386



4A6915



0064AE

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4A6915



007187



6155A2



A23F3A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4A6915



007153



6155A2



A03B6D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4A6915



7E8A69



693415



3D4531



C4C4C4



454545



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4A6915



598A06



206915



343630



4A7500



9AF500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



341569



36068A



5E1569



323036



2B0075



5A00F5



# Previews

## White Background



This preview shows how the Hex color 4A6915 looks on a white background.

## Color Contrast Check

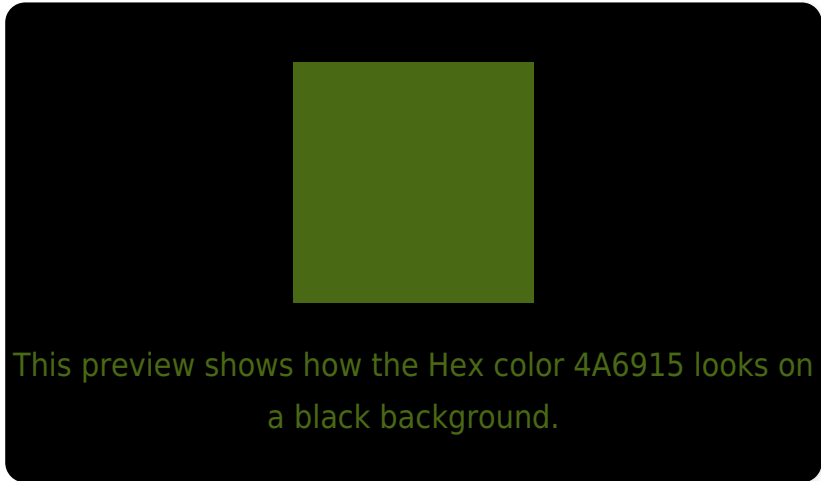
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A6915 Background



This preview shows how black text looks on a background with the Hex color 4A6915.



This preview shows how white text looks on a background with the Hex color 4A6915.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

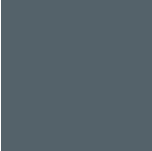
## Dichromacy



**Original Color**  
4A6915

**Protanopia**  
6B6013

**Deuteranopia**  
785B1C



**Tritanopia**  
54626A

# Trichromacy



**Original Color**  
4A6915

**Protanomaly**  
5F6314

**Deuteranomaly**  
676019

**Tritanomaly**  
50654B

# Monochromacy



**Original Color**  
4A6915

**Achromatopsia**  
565656

**Achromatomaly**  
525D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6915 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4A6915 looks like.

```
.text, #text, p{  
    color:#4A6915  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4A6915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6915
}
```

## Border

The CSS property to change the border of an element to Hex 4A6915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

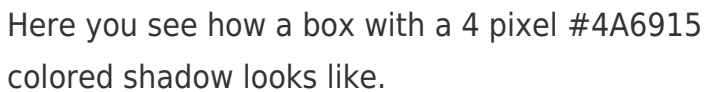
```
.border, #border, table{ border:4px solid
#4A6915 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4A6915 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4A6915 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6915; -webkit-box-shadow:4px 4px  
4px 4px #4A6915; box-shadow:4px 4px 4px  
4px #4A6915 }
```

# Background

The CSS property to change the background color of an element to Hex 4A6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6915 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4A6915 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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